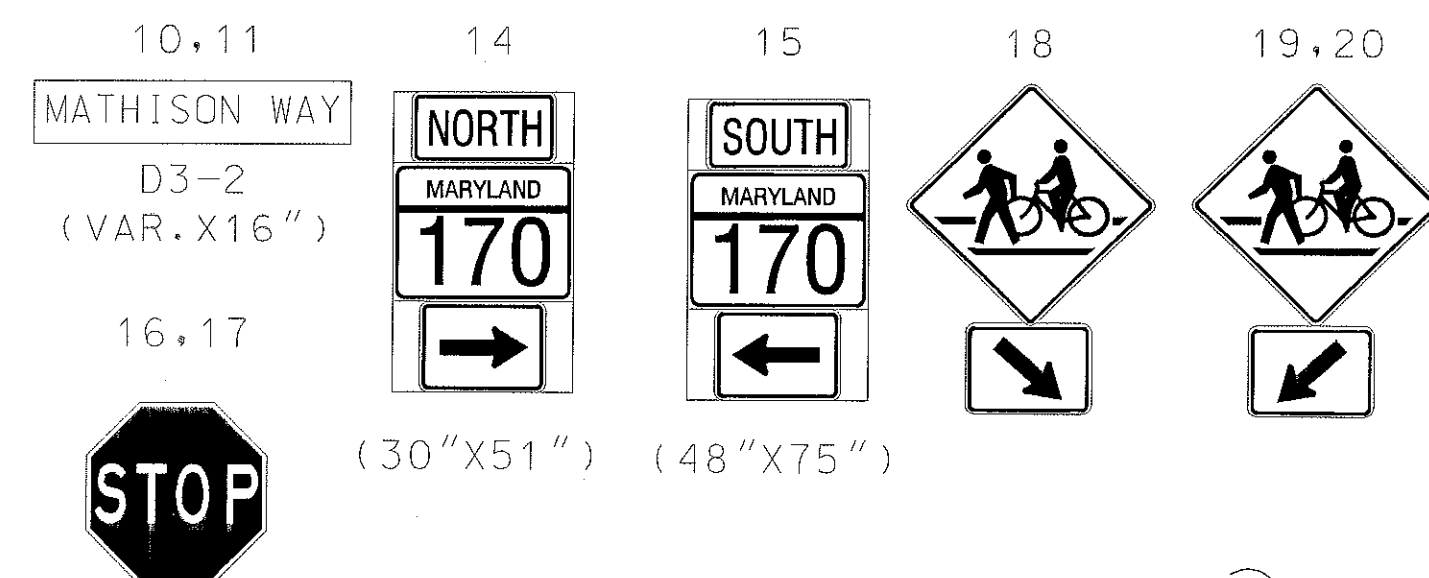
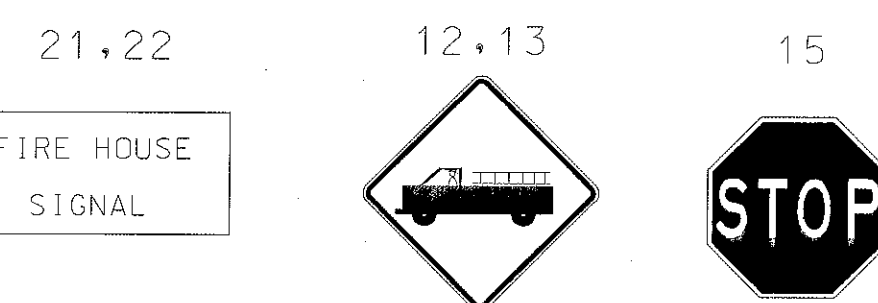


MD 170 IS ASSUMED TO RUN  
IN A NORTH/SOUTH DIRECTION

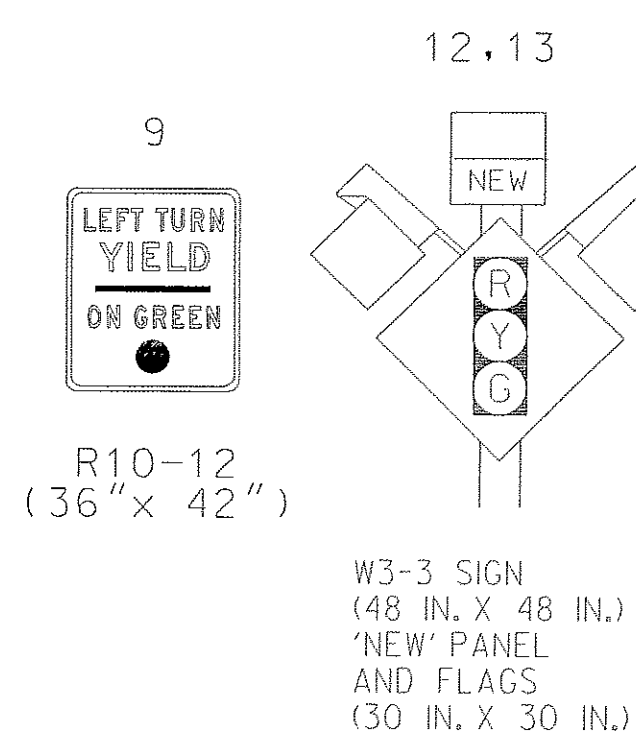
### EXISTING SIGNS



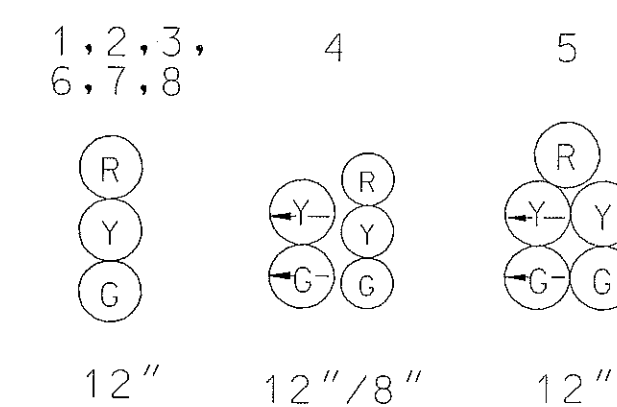
### EXISTING SIGNS TO BE REMOVED



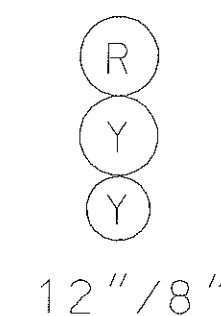
### PROPOSED SIGNS



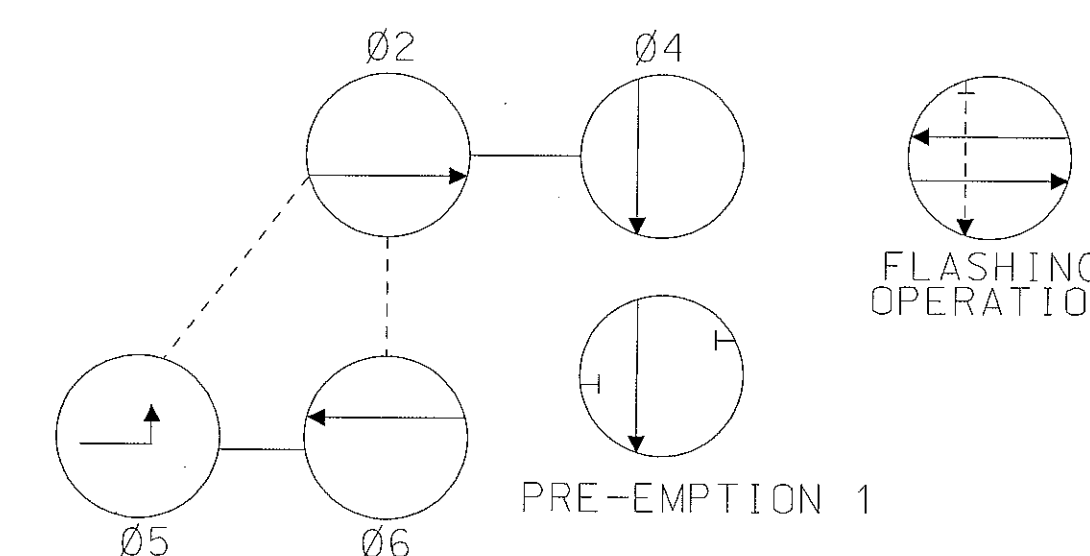
### PROPOSED SIGNALS



### EXISTING SIGNALS TO BE REMOVED



### NEMA PHASING



### PHASING NOTES

1. PHASES ASSOCIATED WITH A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
2. PHASES ASSOCIATED WITH A DASHED LINE MAY OPERATE CONCURRENTLY.

MAA RIGHT OF WAY

MD 170 (NORTH BOUND)

MD 170 (SOUTH BOUND)

### CONSTRUCTION DETAILS

- FURNISH AND INSTALL ELECTRICAL HANDHOLE.
- FURNISH AND INSTALL 3 INCH PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
- USE EXISTING HANDHOLE.
- USE EXISTING CONDUIT.
- USE EXISTING POLE, MAST ARMS, OPTICOM SENSORS AND STREET LIGHTS. REMOVE EXISTING SIGNAL HEADS AND SIGNS 21, AND 22. THEN INSTALL NEW SIGNAL HEADS, AND SIGN AS SHOWN. USE APPROXIMATE LOCATION OF EXISTING SIGNAL HEADS, AND SIGNS, FOR NEW SIGNAL HEADS AND SIGNS. USE THE EXISTING WIRING FOR THE SIGNAL HEADS.
- INSTALL 6' X 30' LOOP DETECTOR, ENCASED IN 1/4" FLEXIBLE TUBING (3,6,3 TURNS) QUADRUPOLE TYPE.
- FURNISH AND INSTALL MICRO-LOOP PROBE SET W/500 FT. LEAD IN CABLE.
- FURNISH AND INSTALL 1' GALVANIZED STEEL CONDUIT FOR DETECTOR WIRE SLEEVE FOR LEAD-IN.
- USE EXISTING CABINET AND CONTROLLER THE SIGNAL SHOP WILL REWIRE CABINET FOR NEW PHASING.
- REMOVE EXISTING FIREHOUSE SIGN AND INSTALL NEW SIGNAL AHEAD SIGNS WITH FLAGS.
- REMOVE INTERCONNECT CABLE FROM CONTROLLER AND PULL BACK TO THIS HANDHOLE. AFTER THE NEW HANDHOLE IS INSTALLED REINSTALL THE INTERCONNECT CABLE BACK TO THE CONTROLLER.
- PULL BACK EXISTING INTERCONNECT, FURNISH AND INSTALL HANDHOLE OVER THE EXISTING CONDUIT. THEN PULL INTERCONNECT BACK TO THE CONTROLLER (SEE CONSTRUCTION DETAIL "K").
- FURNISH AND INSTALL MICRO-LOOP PROBE SET W/ 1000 FT. LEAD IN CABLE.
- GRIND EXISTING PAVEMENT MARKINGS.
- FURNISH AND INSTALL 24 INCH WHITE PERMANENT PREFORMED PAVEMENT MARKING TAPE (STOP LINE).
- FURNISH AND INSTALL 3 INCH PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.

HISTORIC / ARCHEOLOGICAL AREA

MAA RIGHT OF WAY

### GENERAL NOTES

1. ALL TRAFFIC SIGNAL EQUIPMENT SHALL BE INSTALLED TO FINAL GRADE.
2. HANDHOLES SHALL BE SPACED A MAXIMUM OF 200' APART.

### UTILITY LEGEND

T	TELEPHONE CABLES
G	GAS MAIN
W	WATER MAIN
S	SEWER MAIN
E	ELECTRIC CABLES
A	AERIAL CABLES
BC	BURIED CABLE
SD	STORM DRAIN

### GEOMETRIC LEGEND

EXISTING GEOMETRICS
PROPOSED GEOMETRICS

REVISIONS	APPROVALS
	ASST. DIVISION CHIEF, TRAFFIC
	ASST. DISTRICT ENGINEER, TRAFFIC
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	DIRECTOR, OFFICE OF TRAFFIC & SAFETY
(A) ICB TO FULL COLORS	
6/00 MAA NO.	
DA [Signature]	

DCI CONSULTING ENGINEERS  
COLUMBIA, MARYLAND



MARYLAND DOT - STATE HIGHWAY ADMINISTRATION  
Office of Traffic & Safety  
TRAFFIC ENGINEERING DESIGN DIVISION

MD 170 @ MATHISON WAY

LOG MILE NO: 02017006.15

TMS \* E000

DATE 6/1/98

DRAWN BY: R. CICCHINI

CHECK BY: D. PETERS

SCALE: 1"=20'

F.A.P. NO.

S.H.A. NO.

COUNTY

N/A

N/A

ANNE ARUNDEL

PLAN

SHEET NO.

3557A

SHEET NO.

C14.1